

# Utah Monthly Communicable Disease Report

## July 2018



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases,\* compared to an historical 5-year average, July 2018**

Disease/Condition	Jul 2018	5-yr Jul avg+	2018 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	1	U	1	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.6
Babesiosis	0	0.0	0	0.2
Botulism, total	0	0.4	2	3.2
foodborne	0	0.4	0	0.4
infant	0	0.0	2	2.8
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.2	0	0.4
Campylobacteriosis	39	64.0	308	312.8
Chickenpox	3	8.6	83	138.8
Chlamydia	803	711.0	5998	5049.6
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	5.8	4	30.0
Colorado tick fever	0	0.0	1	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.0	3	2.0
Cryptosporidiosis	16	14.2	73	65.8
Cyclosporiasis	1	0.4	12	3.2
Dengue	0	0.6	0	1.4
Ehrlichiosis/Anaplasmosis	0	0.2	0	1.0
Encephalitis	0	0.6	1	2.2
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	5	U
Giardiasis	15	22.8	104	110.6
Gonorrhea	226	147.8	1627	915.2
HIV infection	3	9.4	58	70.0
Haemophilus influenzae, all ages, invasive disease	4	4.2	33	30.8
nonserotype B, age < 5 years	0	0.8	3	2.0
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.4	4	2.4
Hansen's disease (Leprosy)	0	0.0	1	0.2
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	0	2.4	2	4.6
Hepatitis A	8	3.2	121	8.8
Hepatitis B, acute	0	1.4	6	4.8
Hepatitis B, chronic	16	22.2	143	170.2
Hepatitis C, acute	0	2.2	43	28.2
Hepatitis C, chronic	81	131.0	959	1001.2
Hepatitis, other viral	0	0.0	0	0.2
Influenza-associated hospitalizations§	0	3.8	1539	770.0
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	0	U	2	U
Legionellosis	0	2.8	0	16.0
Leptospirosis	0	0.0	2	0.4
Listeriosis	1	0.4	1	1.4

\*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

\*\*YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	4.4	6	11.4
Malaria	0	0.4	5	3.0
Measles	0	0.0	0	1.2
Meningitis, aseptic	0	3.2	11	23.4
Meningitis, bacterial, other	0	2.8	9	12.2
Meningitis, viral	0	7.4	13	23.8
Meningococcal disease (Neisseria meningitidis)	1	0.0	2	2.2
Mumps	1	0.6	9	8.4
Pertussis	7	66.4	183	465.2
Plague	0	0.0	0	0.2
Q fever	0	0.0	0	2.2
Rabies, animal	0	2.6	3	5.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.8
Rubella	0	0.0	0	0.2
Salmonellosis	35	39.4	190	219.0
Shiga toxin-producing Escherichia coli (STEC) infection	12	20.6	101	52.8
Shigellosis	3	2.8	26	23.8
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	2.0	6	4.4
Streptococcal disease, invasive, group A	2	12.4	86	99.4
Streptococcal disease, invasive, group B	17	17.8	122	95.8
Streptococcal disease, invasive, other	3	28.6	155	213.0
Streptococcus pneumoniae, invasive disease	6	9.0	143	134.6
age < 5 years	0	0.8	8	14.8
Syphilis, early (infection < 12 months)	2	11.4	76	75.0
primary & secondary	2	6.4	46	46.4
early latent	0	5.0	30	28.6
Syphilis, latent (infection > 12 months)	1	4.4	31	36.4
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.4	13	16.0
Trichinellosis	0	0.2	0	0.2
Tuberculosis, active	1	2.0	4	17.0
Tularemia	0	1.2	0	2.8
Typhoid fever	0	0.0	1	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	1.2	6	4.4
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0
Zika Virus Disease	0	U	4	U

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